

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	9	((HENRY) near2 (LUO)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 16:24
S2	23	((HORST) near2 (ARNDT)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 16:28
S3	9	(gunter near marx).in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/25 09:19
S4	0	DE3508830	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/25 09:20
S5	27	"3508830"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/25 09:24
S6	0	JP near (11-275694 *11275694)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/25 10:30
S7	326	((IDEOKA near YOSHIHIKO) (MIURA near MASAMI) (YABE near SUSUMU)).in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/25 10:27
S8	22	S7 and hearing	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/25 10:27
S9	1	JP near "11275694"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/25 10:30
S10	114	(eichwald rudell).in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/25 10:39
S11	1	S10 and hearing	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/25 10:51
S12	17	eichwald.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/25 10:52
S13	27	eichwald.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/25 10:53
S14	6	"2899499"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/25 11:01

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S15	3421	(381/60 381/123 381/107 381/312 381/318 381/322-323 381/328). ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/25 11:12
S16	3287	S15 and (@ad<="20040408" @pd<="20040408" @prad<="20040408" @rlad<="20040408")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/25 15:05
S17	1578	(Light with Reflect\$3) and (detect\$3 sens\$3) and (transmi\$5 emi\$5) and poll\$3 and infrared	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/25 15:15
S18	1408	S17 and (switch\$3 turn\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/25 15:09
S19	49	S18 and hearing	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/25 15:10
S20	48	S19 and (@ad<="20040408" @pd<="20040408" @prad<="20040408" @rlad<="20040408")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/25 15:17
S21	852	(Light with reflect\$3) and (detect\$3 sens\$3) and (transmisdion transmitting emission emitting) and (poll polling) and infrared	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/25 15:16
S22	825	S21 and (@ad<="20040408" @pd<="20040408" @prad<="20040408" @rlad<="20040408")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/25 15:20
S23	590	S22 and (barrier blocking wall divider)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/25 15:31
S24	500	S23 and (detach\$4 remov\$2) and (attach\$4 insert\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/25 15:32
S25	2324	(position adj detection).ti.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/25 15:46
S26	113	S25 and infrared	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/25 15:47
S27	47	S26 and angle	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/25 15:47

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S28	435	port with resistor with emitter	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/27 13:57
S29	180	port with resistor with detector	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/27 13:52
S30	7	S28 and S29	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/27 13:59
S31	667	port with resistor with (emitter LED transmitter)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/27 14:02
S32	437	port with resistor with (detector sensor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/27 13:58
S33	33	S31 and S32	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/27 13:59
S34	158	S31 with ground	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/27 14:02
S35	165	S32 with (supply volt voltage)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/27 14:03
S36	2	S34 and S35	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/28 10:57
S37	35	(transmission adj gate) same I/O same delay	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/27 15:33
S38	517887	((i/o bi-directional) adj port) with2 (diode (transmission adj gate))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/28 11:55
S39	192	((i/o bi-directional) adj port) with (diode (transmission adj gate))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/28 10:59
S40	3	S39 same delay	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/28 11:56
S41	24	S39 and (multiplex\$3 duplex\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/28 11:57
S42	3	S39 same (multiplex\$3 duplex\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/28 11:01

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S43	571450	((i/o adj port) bi-directional) with2 (diode (transmission adj gate))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/28 11:56
S44	22733	S43 same delay	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/28 11:56
S45	4075	S44 and (multiplex\$3 duplex\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/28 11:59
S46	3161	S45 and (sensor detector sensing detection detecting)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/28 11:59
S47	5230	S44 same (sensor detector sensing detection detecting)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/28 11:59
S48	791	S47 and (multiplex\$3 duplex\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/28 12:36
S49	719	S48 and circuit	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/28 12:36
S50	710	S49 and (@ad<="20040408" @pd<="20040408" @prad<="20040408" @rlad<="20040408")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/28 12:49
S51	20	((i/o input/ouput) adj port) same (delay lag wait waiting lagging) same ((transmission adj gate) diode)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/28 13:02
S52	20	S51 and (@ad<="20040408" @pd<="20040408" @prad<="20040408" @rlad<="20040408")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/28 12:49
S53	13	((i/o input/ouput) adj port) same (delay wait waiting) same diode	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/28 13:07
S54	2	((i/o input/ouput) adj port) same (isolate isolating) same diode	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/28 13:08
S55	2	((i/o input/ouput) adj port) same (isolate isolating) same (diode (transmission adj gate))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/28 13:09
S56	112	(i/o input/ouput) same (isolate isolating) same (diode (transmission adj gate))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/28 13:09